```xml
<!--  Schema for XML Signatures
    http://www.w3.org/2000/09/xmldsig#
    $Revision: 1.1 $ on $Date: 2002/02/08 20:32:26 $ by $Author: reagle $

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    [1] http://www.w3.org/Consortium/Legal/copyright-software-19980720
    [2] http://www.w3.org/Consortium/Legal/IPR-FAQ-20000620.html#DTD
 -->
<schema xmlns="http://www.w3.org/2001/XMLSchema" xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
targetNamespace="http://www.w3.org/2000/09/xmldsig#" version="0.1" elementFormDefault="qualified">
  <!--  Basic Types Defined for Signatures  -->
  <simpleType name="CryptoBinary">
    <restriction base="base64Binary"> </restriction>
  </simpleType>
  <!--  Start Signature  -->
  <element name="Signature" type="ds:SignatureType"/>
  <complexType name="SignatureType">
    <sequence>
      <element ref="ds:SignedInfo"/>
      <element ref="ds:SignatureValue"/>
      <element ref="ds:KeyInfo" minOccurs="0"/>
      <element ref="ds:Object" minOccurs="0" maxOccurs="unbounded"/>
    </sequence>
    <attribute name="Id" type="ID" use="optional"/>
  </complexType>
  <element name="SignatureValue" type="ds:SignatureValueType"/>
  <complexType name="SignatureValueType">
    <simpleContent>
      <extension base="base64Binary">
        <attribute name="Id" type="ID" use="optional"/>
      </extension>
    </simpleContent>
  </complexType>
  <!--  Start SignedInfo  -->
  <element name="SignedInfo" type="ds:SignedInfoType"/>
  <complexType name="SignedInfoType">
    <sequence>
      <element ref="ds:CanonicalizationMethod"/>
      <element ref="ds:SignatureMethod"/>
      <element ref="ds:Reference" maxOccurs="unbounded"/>
    </sequence>
    <attribute name="Id" type="ID" use="optional"/>
  </complexType>
  <element name="CanonicalizationMethod" type="ds:CanonicalizationMethodType"/>
  <complexType name="CanonicalizationMethodType" mixed="true">
    <sequence>
      <any namespace="##any" minOccurs="0" maxOccurs="unbounded"/>
      <!--  (0,unbounded) elements from (1,1) namespace  -->
    </sequence>
    <attribute name="Algorithm" type="anyURI" use="required"/>
  </complexType>
  <element name="SignatureMethod" type="ds:SignatureMethodType"/>
  <complexType name="SignatureMethodType" mixed="true">
    <sequence>
      <element name="HMACOutputLength" minOccurs="0" type="ds:HMACOutputLengthType"/>
      <any namespace="##other" minOccurs="0" maxOccurs="unbounded"/>
      <!--  (0,unbounded) elements from (1,1) external namespace  -->
    </sequence>
    <attribute name="Algorithm" type="anyURI" use="required"/>
  </complexType>
  <!--  Start Reference  -->
  <element name="Reference" type="ds:ReferenceType"/>
  <complexType name="ReferenceType">
    <sequence>
      <element ref="ds:Transforms" minOccurs="0"/>
      <element ref="ds:DigestMethod"/>
      <element ref="ds:DigestValue"/>
    </sequence>
    <attribute name="Id" type="ID" use="optional"/>
    <attribute name="URI" type="anyURI" use="optional"/>
    <attribute name="Type" type="anyURI" use="optional"/>
  </complexType>
  <element name="Transforms" type="ds:TransformsType"/>
  <complexType name="TransformsType">
    <sequence>
      <element ref="ds:Transform" maxOccurs="unbounded"/>
    </sequence>
  </complexType>
  <element name="Transform" type="ds:TransformType"/>
  <complexType name="TransformType" mixed="true">
    <choice minOccurs="0" maxOccurs="unbounded">
      <any namespace="##other" processContents="lax"/>
      <!--  (1,1) elements from (0,unbounded) namespaces  -->
      <element name="XPath" type="string"/>
    </choice>
    <attribute name="Algorithm" type="anyURI" use="required"/>
  </complexType>
  <!--  End Reference  -->
  <element name="DigestMethod" type="ds:DigestMethodType"/>
  <complexType name="DigestMethodType" mixed="true">
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    <sequence>
      <any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>
    </sequence>
    <attribute name="Algorithm" type="anyURI" use="required"/>
  </complexType>
  <element name="DigestValue" type="ds:DigestValueType"/>
  <simpleType name="DigestValueType">
    <restriction base="base64Binary"/>
  </simpleType>
  <!--  End SignedInfo  -->
  <!--  Start KeyInfo  -->
  <element name="KeyInfo" type="ds:KeyInfoType"/>
  <complexType name="KeyInfoType" mixed="true">
    <choice maxOccurs="unbounded">
      <element ref="ds:KeyName"/>
      <element ref="ds:KeyValue"/>
      <element ref="ds:RetrievalMethod"/>
      <element ref="ds:X509Data"/>
      <element ref="ds:PGPData"/>
      <element ref="ds:SPKIData"/>
      <element ref="ds:MgmtData"/>
      <any processContents="lax" namespace="##other"/>
      <!--  (1,1) elements from (0,unbounded) namespaces  -->
    </choice>
    <attribute name="Id" type="ID" use="optional"/>
  </complexType>
  <element name="KeyName" type="string"/>
  <element name="MgmtData" type="string"/>
  <element name="KeyValue" type="ds:KeyValueType"/>
  <complexType name="KeyValueType" mixed="true">
    <choice>
      <element ref="ds:DSAKeyValue"/>
      <element ref="ds:RSAKeyValue"/>
      <any namespace="##other" processContents="lax"/>
    </choice>
  </complexType>
  <element name="RetrievalMethod" type="ds:RetrievalMethodType"/>
  <complexType name="RetrievalMethodType">
    <sequence>
      <element ref="ds:Transforms" minOccurs="0"/>
    </sequence>
    <attribute name="URI" type="anyURI"/>
    <attribute name="Type" type="anyURI" use="optional"/>
  </complexType>
  <!--  Start X509Data  -->
  <element name="X509Data" type="ds:X509DataType"/>
  <complexType name="X509DataType">
    <sequence maxOccurs="unbounded">
      <choice>
        <element name="X509IssuerSerial" type="ds:X509IssuerSerialType"/>
        <element name="X509SKI" type="base64Binary"/>
        <element name="X509SubjectName" type="string"/>
        <element name="X509Certificate" type="base64Binary"/>
        <element name="X509CRL" type="base64Binary"/>
        <any namespace="##other" processContents="lax"/>
      </choice>
    </sequence>
  </complexType>
  <complexType name="X509IssuerSerialType">
    <sequence>
      <element name="X509IssuerName" type="string"/>
      <element name="X509SerialNumber" type="integer"/>
    </sequence>
  </complexType>
  <!--  End X509Data  -->
  <!--  Begin PGPData  -->
  <element name="PGPData" type="ds:PGPDataType"/>
  <complexType name="PGPDataType">
    <choice>
      <sequence>
        <element name="PGPKeyID" type="base64Binary"/>
        <element name="PGPKeyPacket" type="base64Binary" minOccurs="0"/>
        <any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>
      </sequence>
      <sequence>
        <element name="PGPKeyPacket" type="base64Binary"/>
        <any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>
      </sequence>
    </choice>
  </complexType>
  <!--  End PGPData  -->
  <!--  Begin SPKIData  -->
  <element name="SPKIData" type="ds:SPKIDataType"/>
  <complexType name="SPKIDataType">
    <sequence maxOccurs="unbounded">
      <element name="SPKISexp" type="base64Binary"/>
      <any namespace="##other" processContents="lax" minOccurs="0"/>
    </sequence>
  </complexType>
  <!--  End SPKIData  -->
  <!--  End KeyInfo  -->
  <!--  Start Object (Manifest, SignatureProperty)  -->
  <element name="Object" type="ds:ObjectType"/>
  <complexType name="ObjectType" mixed="true">
    <sequence minOccurs="0" maxOccurs="unbounded">
      <any namespace="##any" processContents="lax"/>
    </sequence>
    <attribute name="Id" type="ID" use="optional"/>
    <attribute name="MimeType" type="string" use="optional"/>
    <!--  add a grep facet  -->
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    <attribute name="Encoding" type="anyURI" use="optional"/>
  </complexType>
  <element name="Manifest" type="ds:ManifestType"/>
  <complexType name="ManifestType">
    <sequence>
      <element ref="ds:Reference" maxOccurs="unbounded"/>
    </sequence>
    <attribute name="Id" type="ID" use="optional"/>
  </complexType>
  <element name="SignatureProperties" type="ds:SignaturePropertiesType"/>
  <complexType name="SignaturePropertiesType">
    <sequence>
      <element ref="ds:SignatureProperty" maxOccurs="unbounded"/>
    </sequence>
    <attribute name="Id" type="ID" use="optional"/>
  </complexType>
  <element name="SignatureProperty" type="ds:SignaturePropertyType"/>
  <complexType name="SignaturePropertyType" mixed="true">
    <choice maxOccurs="unbounded">
      <any namespace="##other" processContents="lax"/>
      <!--  (1,1) elements from (1,unbounded) namespaces  -->
    </choice>
    <attribute name="Target" type="anyURI" use="required"/>
    <attribute name="Id" type="ID" use="optional"/>
  </complexType>
  <!--  End Object (Manifest, SignatureProperty)  -->
  <!--  Start Algorithm Parameters  -->
  <simpleType name="HMACOutputLengthType">
    <restriction base="integer"/>
  </simpleType>
  <!--  Start KeyValue Element-types  -->
  <element name="DSAKeyValue" type="ds:DSAKeyValueType"/>
  <complexType name="DSAKeyValueType">
    <sequence>
      <sequence minOccurs="0">
        <element name="P" type="ds:CryptoBinary"/>
        <element name="Q" type="ds:CryptoBinary"/>
      </sequence>
      <element name="G" type="ds:CryptoBinary" minOccurs="0"/>
      <element name="Y" type="ds:CryptoBinary"/>
      <element name="J" type="ds:CryptoBinary" minOccurs="0"/>
      <sequence minOccurs="0">
        <element name="Seed" type="ds:CryptoBinary"/>
        <element name="PgenCounter" type="ds:CryptoBinary"/>
      </sequence>
    </sequence>
  </complexType>
  <element name="RSAKeyValue" type="ds:RSAKeyValueType"/>
  <complexType name="RSAKeyValueType">
    <sequence>
      <element name="Modulus" type="ds:CryptoBinary"/>
      <element name="Exponent" type="ds:CryptoBinary"/>
    </sequence>
  </complexType>
  <!--  End KeyValue Element-types  -->
  <!--  End Signature  -->
</schema>
```